



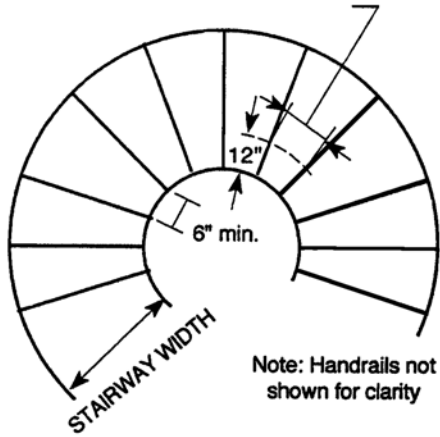
**City of Santa Clara
Building Inspection Division**

1500 Warburton Avenue
Santa Clara, CA 95050
Phone: (408) 615-2440
Fax: (408) 241-3823
<http://www.ci.santa-clara.ca.us>

STAIRS AND LANDINGS

October 15, 2004

REQUIRED WIDTH OF RUN SHALL
BE PROVIDED IN THIS LOCATION

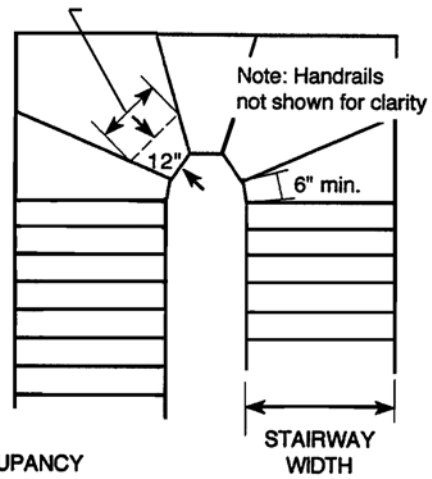


LIMITATION: APPLIES TO R-3 OCCUPANCY
AND PRIVATE STAIRWAYS IN R-1 OCCUPANCY

PLAN VIEW

WINDING STAIRWAY

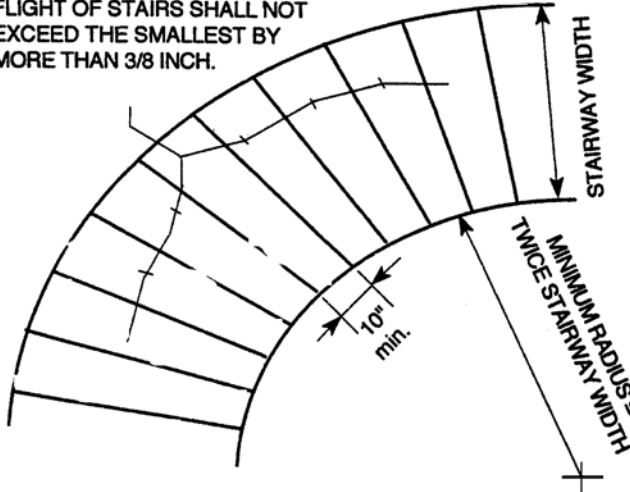
REQUIRED WIDTH OF RUN SHALL
BE PROVIDED IN THIS LOCATION



PLAN VIEW

ALTERNATE USE OF WINDERS

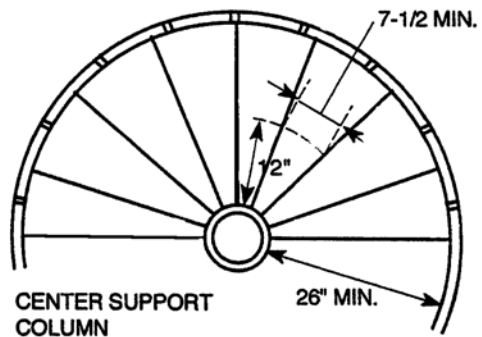
THE LARGEST TREAD WIDTH
OF RISER HEIGHT WITHIN ANY
FLIGHT OF STAIRS SHALL NOT
EXCEED THE SMALLEST BY
MORE THAN 3/8 INCH.



PLAN VIEW

CIRCULAR STAIRWAY

MAXIMUM 9-1/2-INCH
RISE BETWEEN TREADS



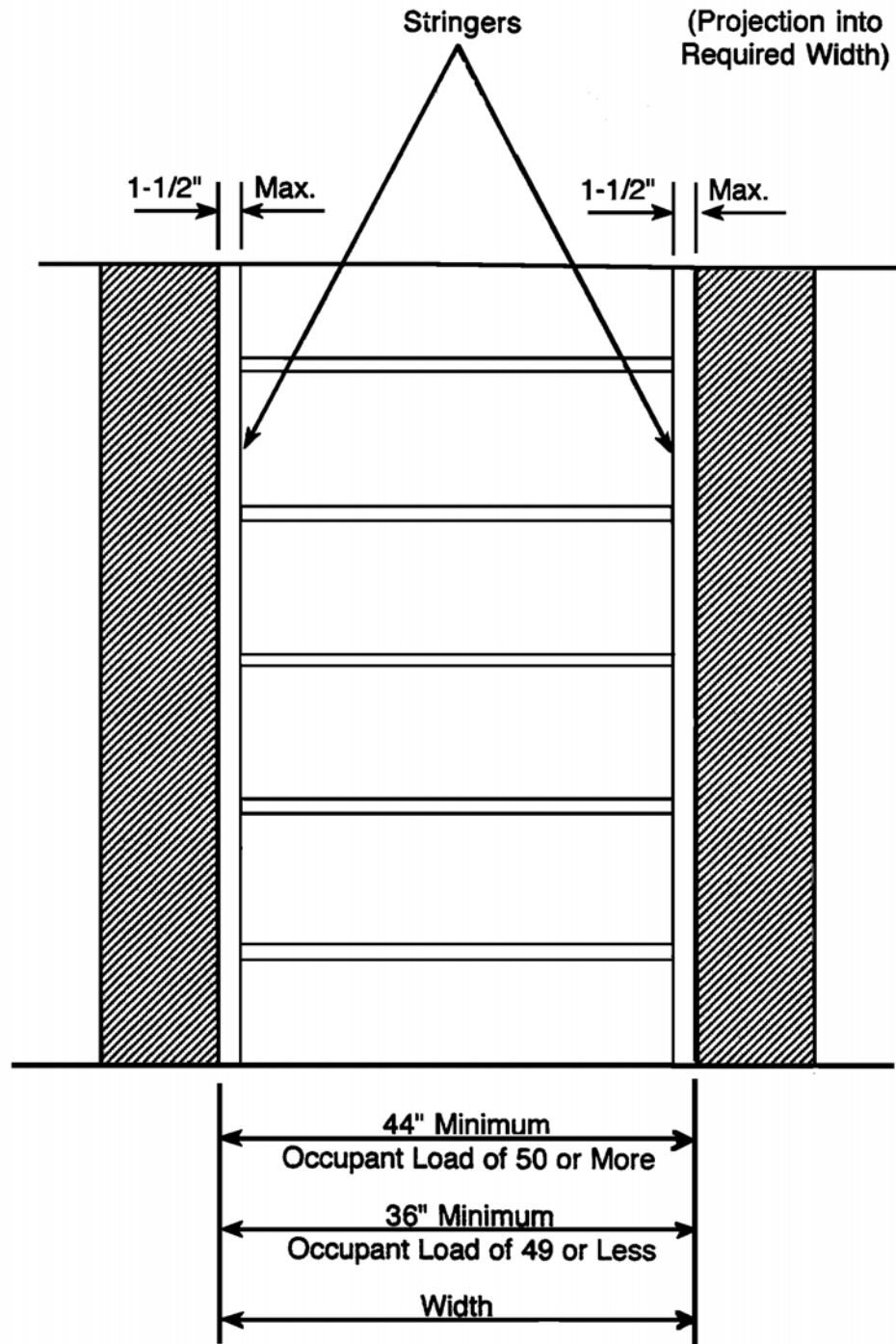
CENTER SUPPORT
COLUMN

LIMITATIONS:

1. ONLY APPLIES TO R-3 OCCUPANCY
AND PRIVATE STAIRWAYS IN
R-1 OCCUPANCIES
2. LIMITED TO SERVING AS EGRESS PATH
FOR 400 SQUARE FEET MAXIMUM

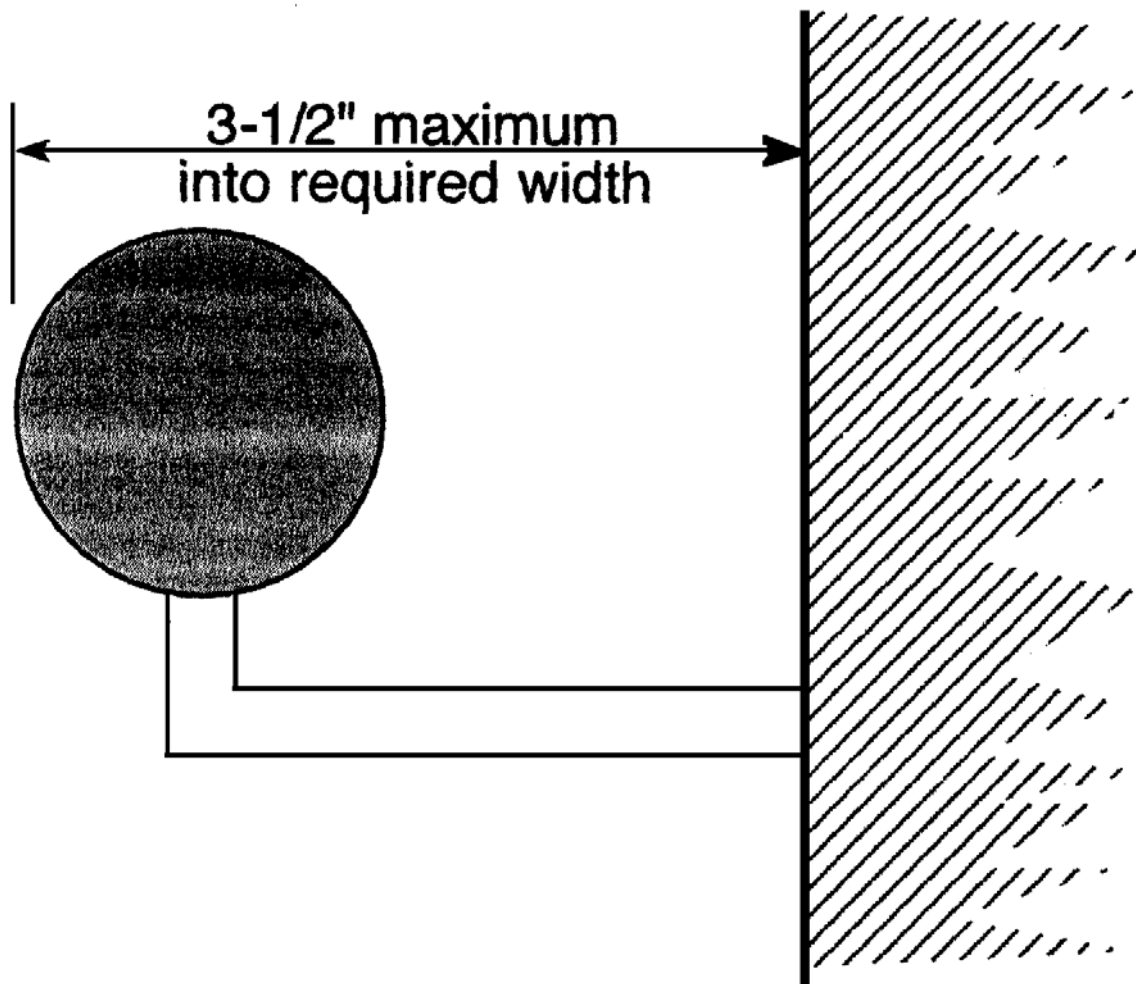
PLAN VIEW

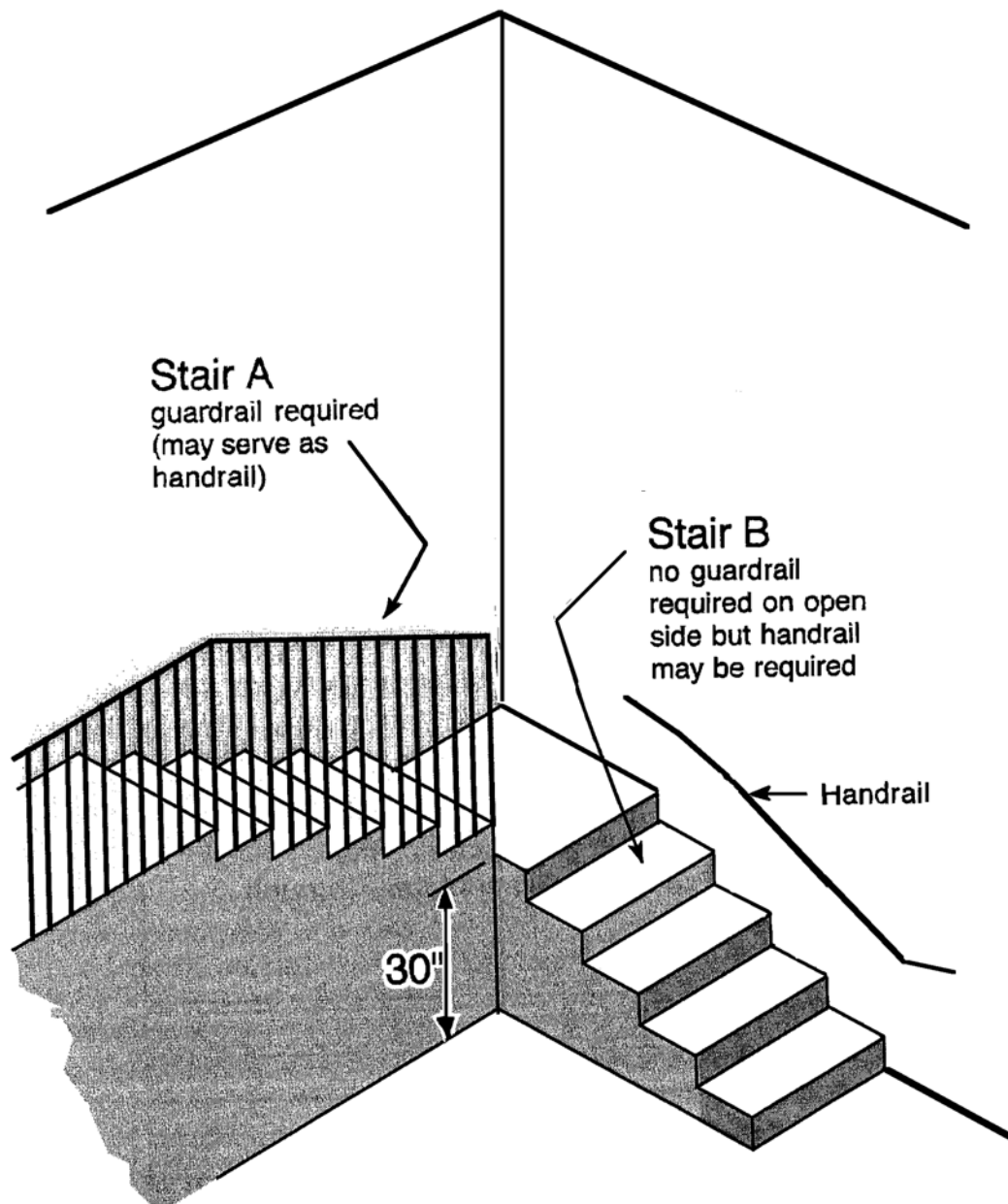
SPIRAL STAIRWAY



STAIRWAY WIDTH

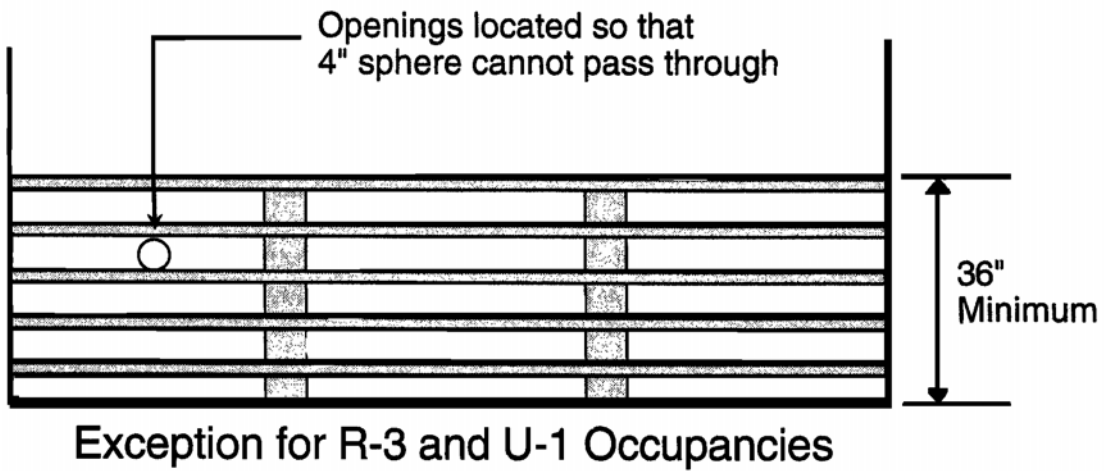
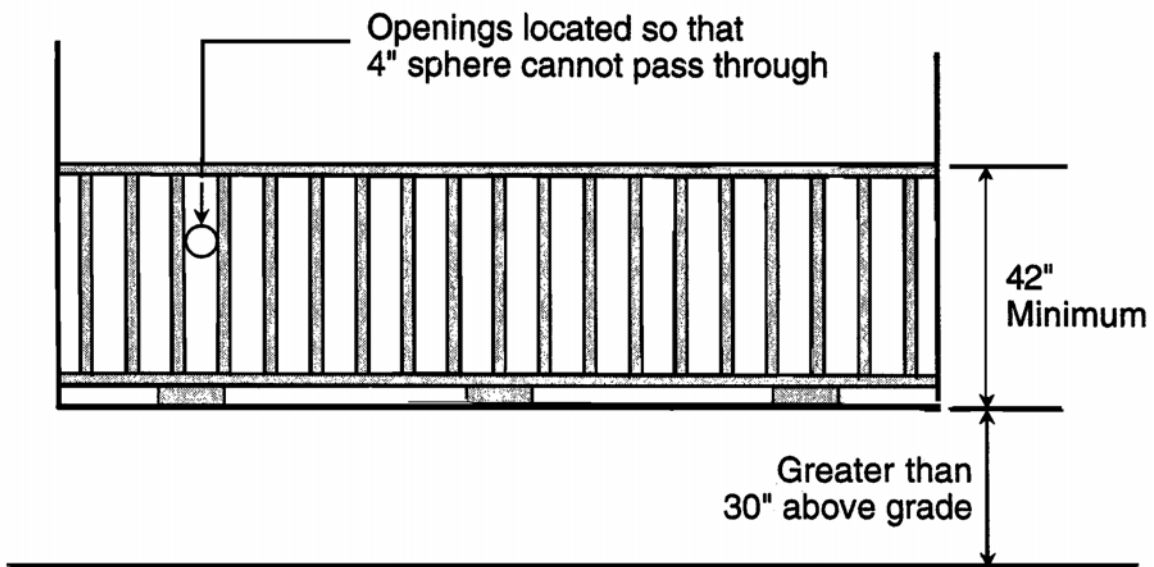
HANDRAILS PROJECTION INTO REQUIRED WIDTH





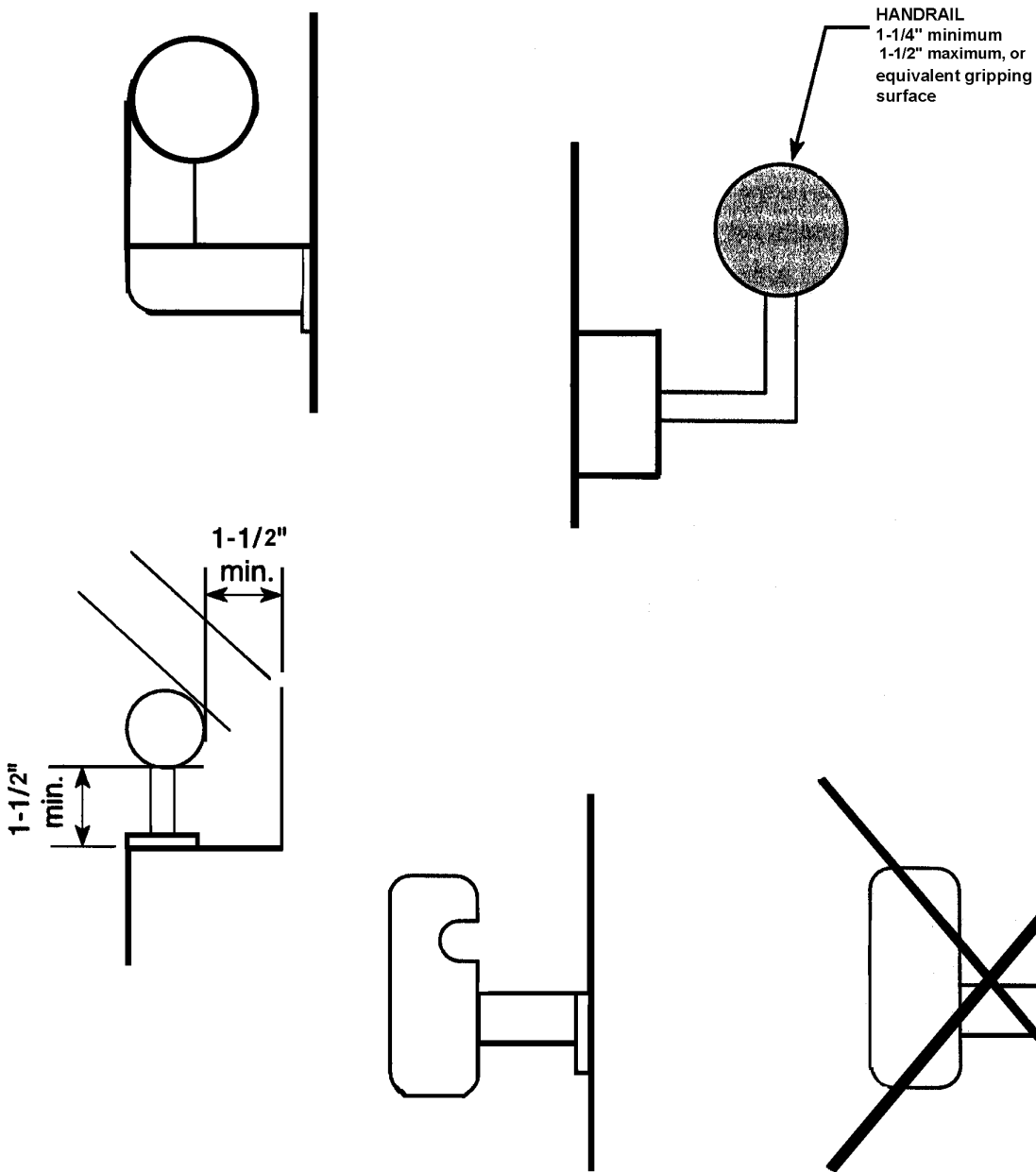
If stair is more than 30 inches above the floor below at any point of the stair's flight, a guardrail is required along the open side

GUARDRAILS



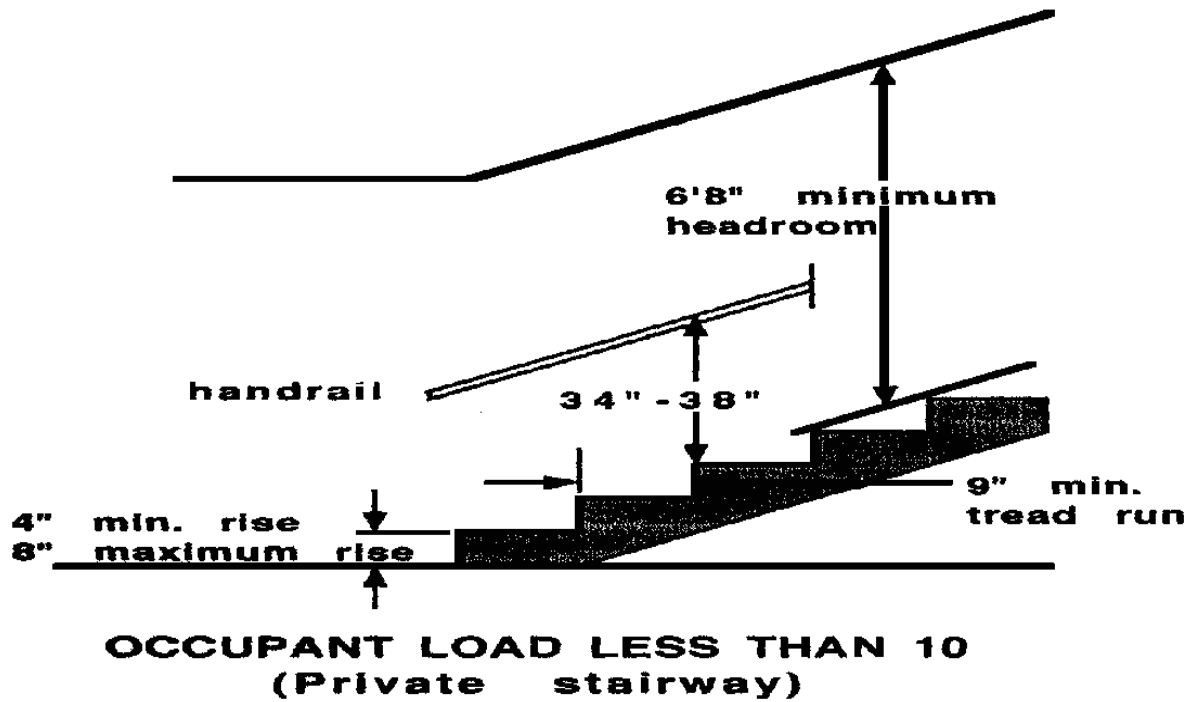
GUARDRAILS

ACCEPTABLE HANDRAIL DETAILS

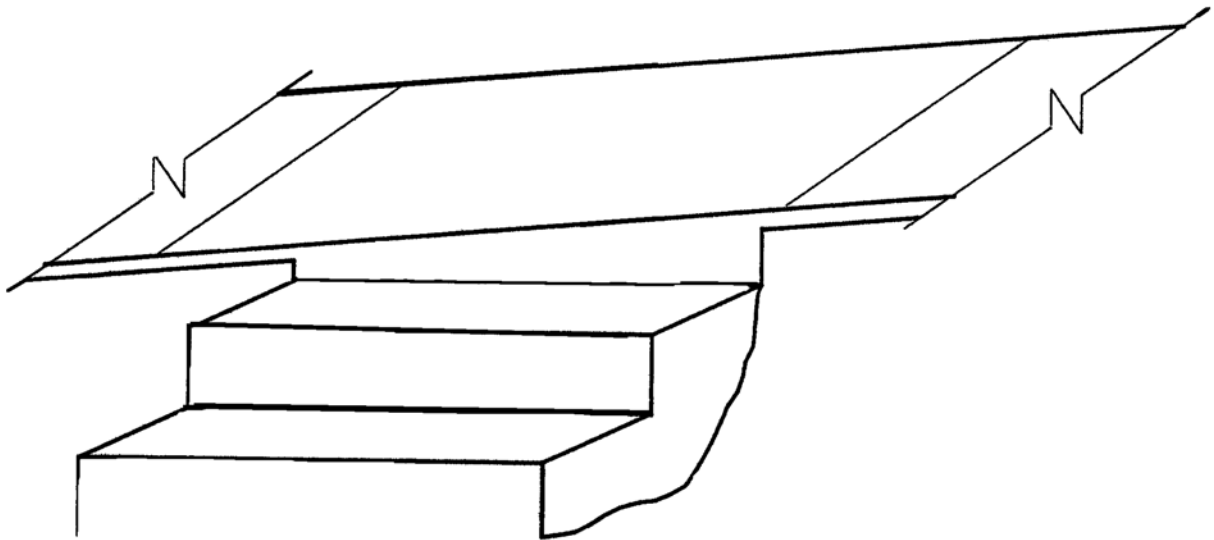


NOTE:
OTHER SHAPES MAY BE
ACCEPTABLE IF THEY
PROVIDE AN EQUIVALENT
GRIPPING SURFACE

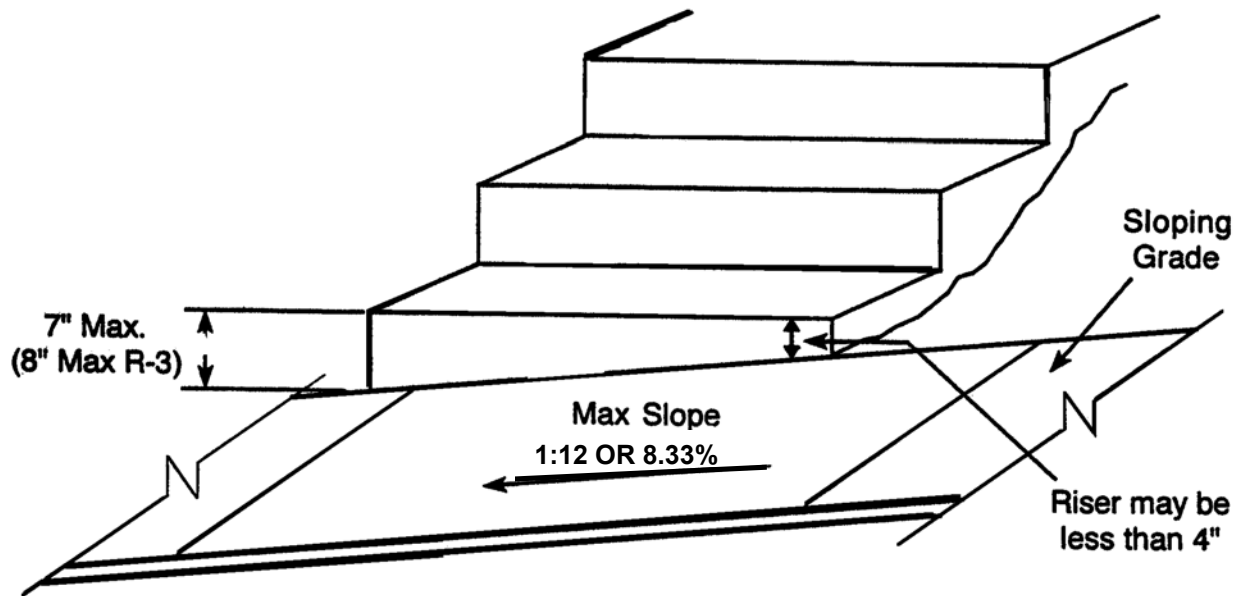
NOT ACCPETABLE



STAIRWAYS



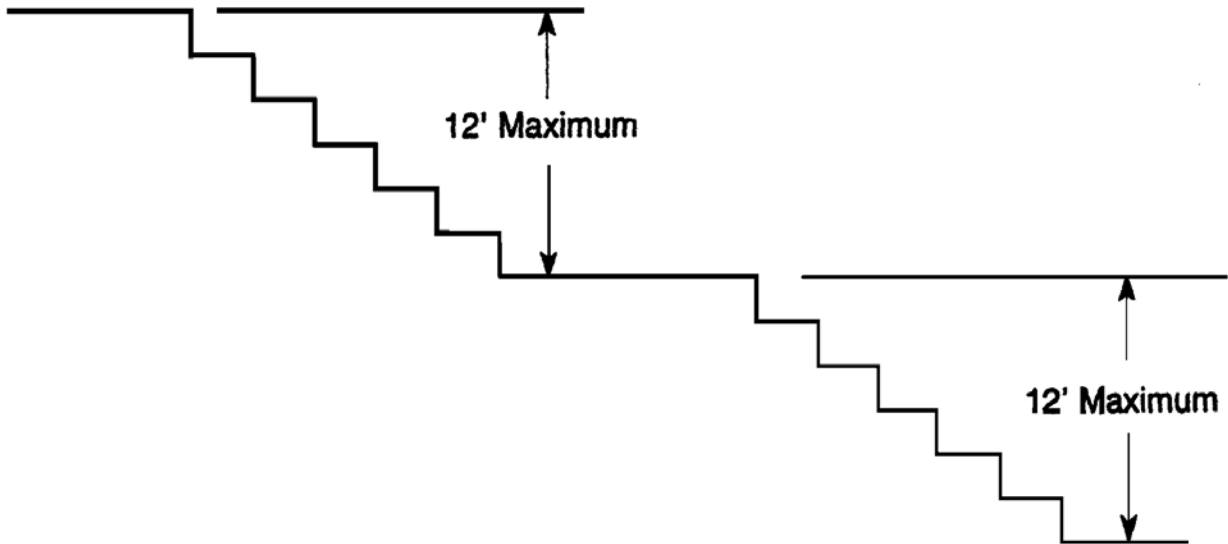
Top



Bottom

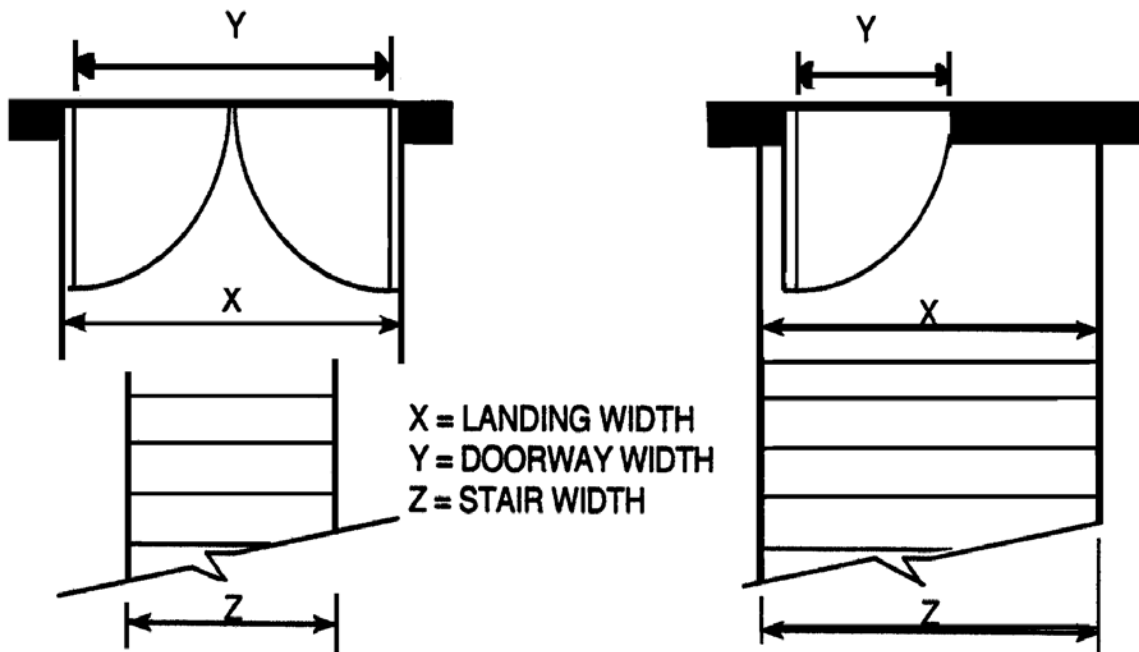
RISE AND RUN

DISTANCE BETWEEN LANDINGS



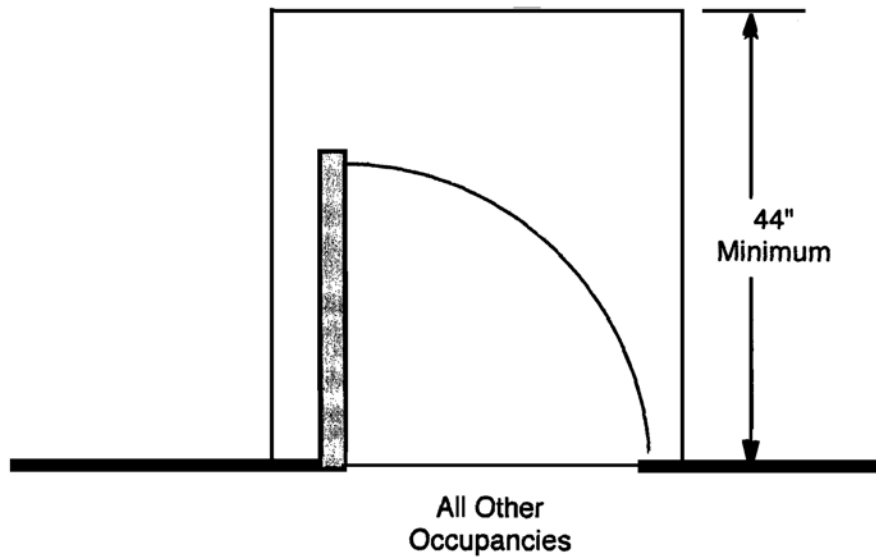
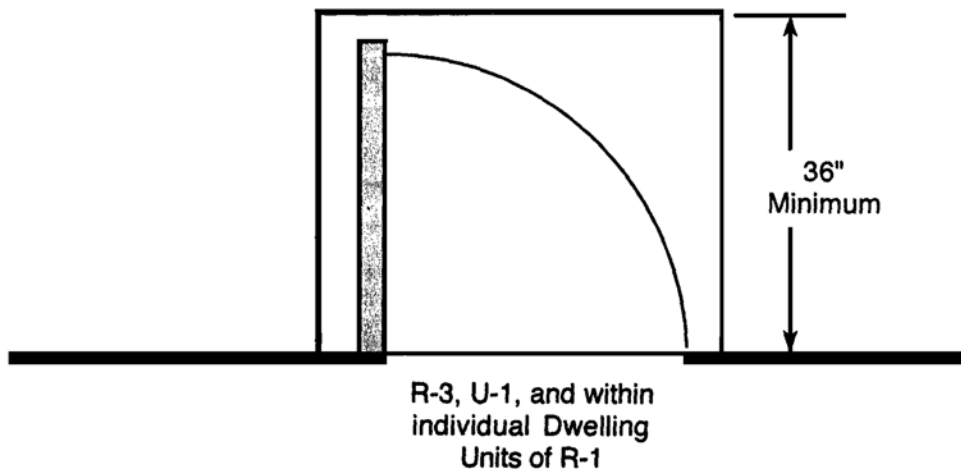
STAIRWAYS

DISTANCE BETWEEN LANDINGS



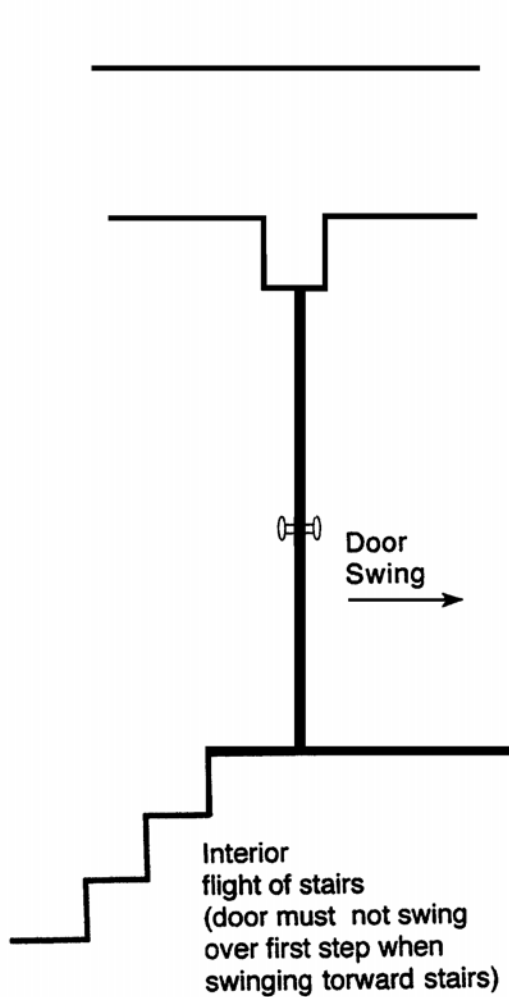
X SHALL BE EQUAL TO OR GREATER THAN
BOTH Y AND Z

WIDTH OF LANDINGS AT DOORS

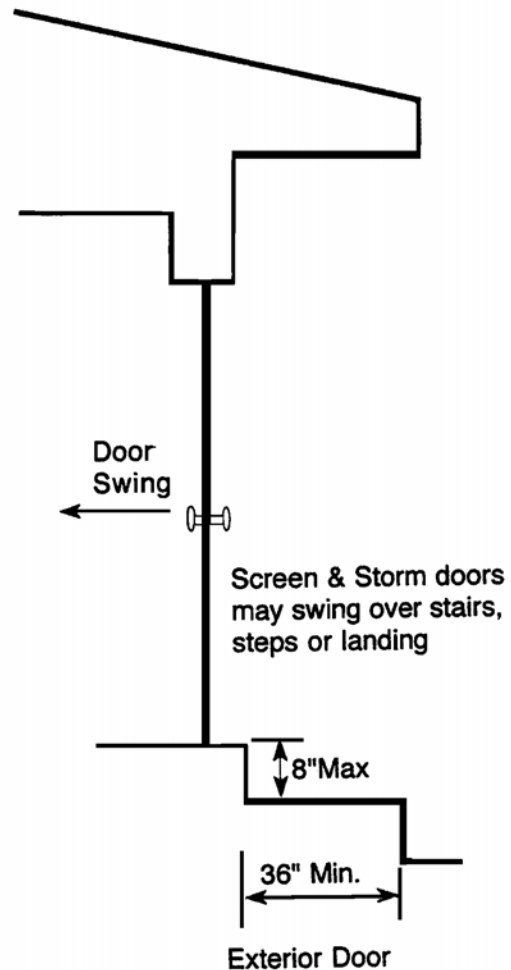


LENGTH OF LANDINGS AT DOORS

Exceptions regarding landings and floor levels at doors are applicable in Group R, Division 3, and Group M occupancies and within individual units of Group R, Division 1 occupancies.



Exception 1.1

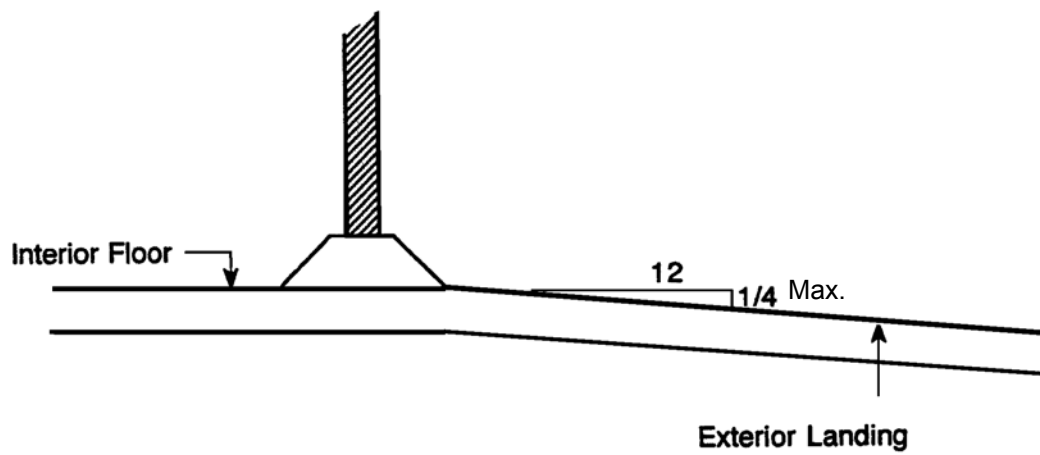


Exterior stairways

Exception 1.2

FLOOR LEVEL AT DOORS

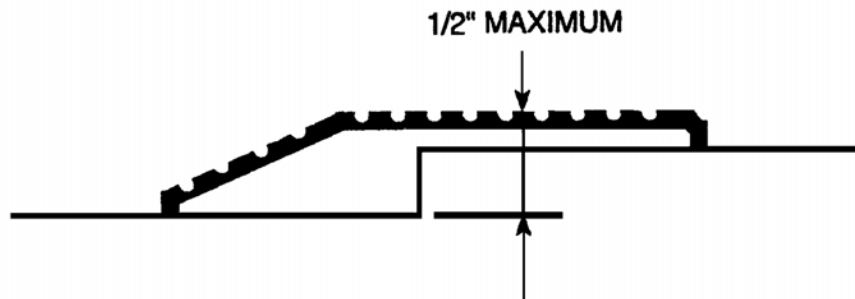
FLOOR LEVEL AT DOORS



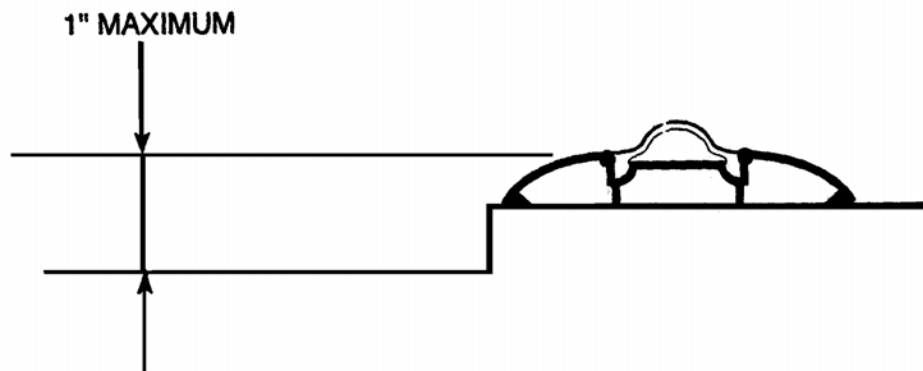
Applies to all occupant loads

THRESHOLD HEIGHT

WHEN ACCESS FOR PERSONS WITH
DISABILITIES IS REQUIRED



OTHERWISE



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1500 Warburton Avenue
Santa Clara, CA 95050

Building a better community"

Phone: 408-615-2440
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Fax: 408-241-3823
Email: buildinginspection@ci.santa-clara.

The Building Inspection Division has served the community for more than sixty years. The Building Inspection Division's mission is to protect the public health and safety by assuring that all installations and construction methods meet state and local codes. By being well informed of these codes and requirements you can assist in assuring a safer environment for you and your family.

This booklet is a compilation of examples from the
'Fire and Life Safety Handbook'